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## ABSTRACT

cartridge.

The system and methods described herein relate to reporting the supply level of a marking agent (e.g., toner) in a print device cartridge. An algorithm executes to smooth over inaccuracies in measured values received from a hardware supply level sensor. Through seeding an initial report level and adjusting that level based on average groups of sensor readings that exclude outlying values, the algorithm facilitates supply level reports that follow a naturally decreasing trend throughout the life of a print device